2-Port KVM Switch with Built-In Cabling

Control two computers using one monitor, and a USB keyboard and mouse



User Manual

F1DK102U

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INTRODUCTION

Congratulations on your purchase of this Belkin 2-Port KVM Switch with Built-In Cabling (the Switch). The diverse line of market-leading KVM solutions from Belkin exemplifies our commitment to delivering high-quality, durable products at a competitive price. Engineered to give you control over multiple computers and/or servers from one console, Belkin KVM switches come in a variety of capacities suitable for all configurations, large or small. A Belkin Three-Year Warranty and free technical support back this Switch.

This manual will provide you details about your new Switch, from installation and operation, to troubleshooting—in the unlikely event of a problem.

For easy installation, please refer to the Quick Installation Guide included with your Switch.

Thank you for purchasing the Belkin 2-Port KVM Switch with Built-In Cabling. We appreciate your business.

Package Contents

- 2-Port KVM Switch with Built-In Cabling
- User Manual
- Quick Installation Guide
- Registration Card

OVERVIEW

The Belkin 2-Port KVM Switch with Built-In Cabling allows you to control multiple computers with one keyboard, monitor, and mouse. The Switch supports USB input devices (keyboard and mouse), VGA, SVGA, XGA, and USB computers.

Features

Complete Compact Solution

Built-in cables and color-coded connectors make operation and organization easy.

Video Resolution

The Switch is able to support video resolutions of up to 2048x1536. To preserve signal integrity at high resolutions, 75-Ohm coaxial VGA cabling is built-in to your Switch.

Light-Emitting Diode Display

LEDs on the top of the Switch function as status monitors. The LEDs light to indicate which corresponding monitor port is currently active.

Manual Port Selector

The manual push button at the top of the Switch allows for simple, manual port selection.

Software Switching

The included software lets you switch ports with the click of an icon. (This feature is available for Windows operating systems only)

Operating Systems

Your Switch is for use on CPUs using:

Platforms

- Windows® 2000, Me, XP
- Mac OS® X v10.x or higher

Keyboards

- Supports USB keyboards

Mice

- Supports USB mice

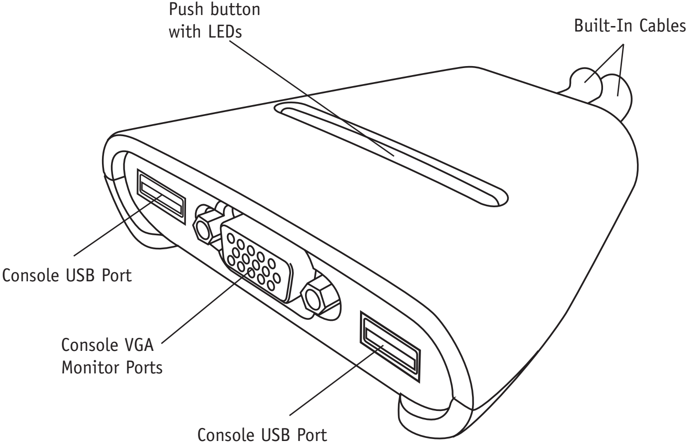
Monitors

- VGA
- SVGA
- MultiSync®

OVERVIEW

Unit Display Diagram

The 2-Port KVM Switch with Built-In Cabling:



Specifications

Part No.: F1DK102U

PCs Supported: 2

Monitors Supported: VGA, SVGA, MultiSync

Max. Resolution: 2048x1536@65Hz

Keyboard Input: USB

Mouse Input: USB

VGA Port: 15-pin HDDB type

LED Indicators: 2

Enclosure: Plastic

Dimensions: 27.5 (H) x 82 (W) x 81.25mm (D)

Weight: 1.2 lbs.

Operating Temp: 32° to 104° F (0° to 40° C)

Storage Temp: -4° to 140° F (-20° to 60° C)

Humidity: 0-80% RH, non-condensing

Warranty: 3 years

NOTE: *Specifications are subject to change without notice.*

INSTALLATION

Pre-Configuration

Where to Place the Switch

The Switch is designed for positioning on the desktop. The exact placement will be based on the location of your CPUs and length of your cables.

Cable Distance Requirements

VGA signals are best retained when transmitted up to eight feet. Beyond eight feet, probability of video degradation increases with an increase in distance. For this reason, your USB computer should be placed within eight feet of the KVM Switch.

Cautions and Warnings

Avoid placing cables near fluorescent lights, air conditioning equipment, or machines that create electrical noise (e.g., vacuum cleaners).

Step-by-Step Installation Guide

This section provides complete instructions for the hardware setup of a single Switch.

Connecting Computers to the Switch

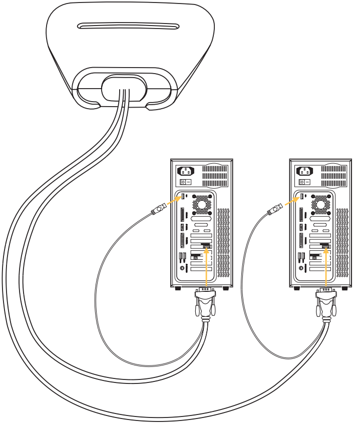
1. Make sure the computer is powered on.

2. Verify that your USB keyboard and mouse work properly with your computer before you install the Switch.

3. Using the attached cables, take the VGA cable and connect it to the VGA port on the first computer.

4. Connect the USB keyboard KVM cable to the keyboard port on the computer.

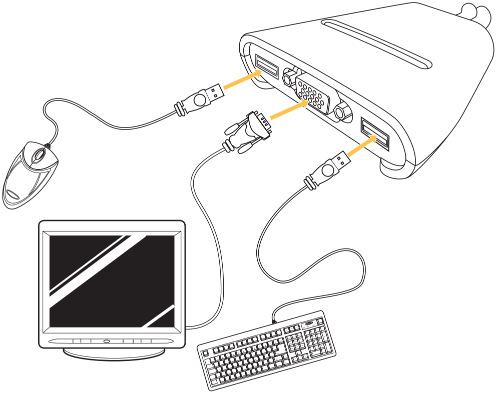
5. Repeat steps 1 through 4 for the additional computer to be connected to the Switch.



Connecting the Keyboard, Video, and Mouse to the Console Ports on the Switch

1. Connect your USB-type keyboard and mouse to the KEYBOARD and MOUSE ports located on the front panel of your Switch.

2. Take the video cable that is attached to your monitor and connect it to the VGA port on the front panel of the Switch.



FAQs

Q: What operating system does the Switch support?

A: The Switch will support Windows 2000, Me, XP, Linux, and Mac OS X v10.x or higher.

Q: What type of mice does the Switch support?

A: The Switch will support USB mice from many manufacturers including Belkin, Microsoft®, Logitech®, and Kensington®.

Q: How does the Switch allow the user to toggle between ports?

A: The user can choose computers using the manual port selector on the Switch or the included switching software (supported by Windows OS only).

Q: What is the maximum video resolution the Switch supports?

A: The advanced video circuit in the Switch supports a maximum resolution of 2048x1536.

Q: What is the difference between the 2-Port KVM Switch with Built-In Cabling and the OmniView™ SOHO Series KVM Switch with Audio Support?

A: The SOHO Series KVM Switch offers additional audio and microphone support; a sculpted, space-saving design; cable management; flash-upgrade capability; and a USB device option.

FAQs

Q: What are the benefits of the Belkin 2-Port KVM Switch with Built-In Cabling over a similar competitor product?

A: The Belkin 2-Port KVM Switch with Built-In Cabling is an affordable solution, packed with features usually found in higher-priced units. The Belkin 2-Port KVM Switch with Built-In Cabling offers software switching, resolution support of up to 2048x1536, and a Belkin Three-Year Limited Warranty—all at a very affordable price.

Q: Do I have to install any software to use the Switch?

A: No, the included Windows-only software is optional. The Switch has manual port selectors to change ports.

Q: Does the Switch require an AC adapter?

A: No, the USB ports of your computer power the Switch.

Q: Can I use the Switch to switch video signals only?

A: No, you cannot use the Switch to switch between video signals only. The Switch requires power from the USB ports in order to operate.

Q: What type of USB devices can I connect to the Switch?

A: The Switch will work only with USB mice and keyboards. No other devices are supported.

Q: How long is the warranty for the Switch?

A: The Switch comes with a Three-Year Limited Warranty.

TROUBLESHOOTING

Video

I am getting ghosting, shadowing, or fuzzy images on my monitor.

- Check that all video cables are inserted properly.
- Check that the monitor you are using supports the resolution and refresh-rate setting on your computer.
- Check that the graphics card you are using supports the resolution and refresh-rate setting on your computer.
- Connect the monitor directly into the computer you are having trouble with to see if the problem still appears.

I am getting a black screen on my monitor.

- Check that all video cables are inserted properly.
- Connect your monitor directly to the computer to verify that your monitor is functioning properly.
- Take your computer off standby mode.

Keyboard

Computer does not detect your keyboard and you get a keyboard error reported at boot up.

- Check that the keyboard cable between the Switch and the computer is connected properly. Tighten any loose connections.
- Try swapping your keyboard with a different one.
- Enable USB support on your BIOS.

- Connect the KVM Switch USB cable directly to the USB port on the computer.
- Make sure that the drivers for your keyboard are installed on your computers.
- Uninstall all other keyboard drivers from your computers.

Mouse

Mouse is lost when I switch to a different channel.

- Check that the mouse you are using is connected properly to the console port of the Switch.
- Attach the mouse directly to the computer with which you are experiencing mouse problems.
- Allow up to one minute following the computer's waking from standby mode for mouse function to return.
- Deactivate power management schemes on the PC with which you are experiencing problems.
- Try swapping the mouse with a different one.

The computer boots up fine, but the mouse does not work.

- Make sure that the drivers for your mouse are installed on your computers.
- Make sure the mouse works when directly plugged into the computer. Rebooting may be necessary when trying this.
- Try a different mouse.

TROUBLESHOOTING

When I switch from one port to another, mouse movement is completely erratic.

- Make sure you do not have more than one mouse driver installed.
- Avoid moving the mouse or pressing the mouse button when switching ports on the Switch.
- You can reset the mouse and resume proper mouse movement simply by unplugging the mouse from the Switch and waiting 2–3 seconds before plugging it in again.

General

My computer does not boot up when connected to the Switch, but works fine when I connect the keyboard, video, and mouse directly to it.

- Make sure that the keyboard and mouse cables are connected tightly between the Switch and the computer.
- Check that the USB cables are not crossed, i.e., make sure the connectors are plugged into the correct ports.

FCC Statement

DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

We, Belkin Corporation, of 501 West Walnut Street, Compton, CA 90220, declare under our sole responsibility that the product:

F1DK102U

to which this declaration relates:
Complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE Declaration of Conformity

We, Belkin Corporation, declare under our sole responsibility that the product F1DK102U, to which this declaration relates, is in conformity with Emissions Standard EN55022 and with Immunity Standard EN55024, LVP EN61000-3-2, and EN61000-3-3.

ICES

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme á la norme NMB-003 du Canada.

Belkin Corporation Limited Three-Year Product Warranty

Belkin Corporation warrants this product against defects in materials and workmanship for its warranty period. If a defect is discovered, Belkin will, at its option, repair or replace the product at no charge provided it is returned during the warranty period, with transportation charges prepaid, to the authorized Belkin dealer from whom you purchased the product. Proof of purchase may be required.

This warranty does not apply if the product has been damaged by accident, abuse, misuse, or misapplication; if the product has been modified without the written permission of Belkin; or if any Belkin serial number has been removed or defaced.

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Some states do not allow the exclusion or limitation of incidental or consequential damages or exclusions of implied warranties, so the above limitations of exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

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